

IN THE CLAIMS:

Please cancel claim 25 without prejudice and/or disclaimer.

Please enter the following amended claims:

1. (Twice Amended) A light diffusing plate comprising:
an unresolvable structure which has an optical refractive power and includes light transmitting spheres;

32
individual passing areas through which a collimated light incident from a side of the unresolvable structure passes;

a low-passing area other than said passing areas, which has relatively low light transmissivity compared with the passing areas, said passing areas and low-passing area being provided in a same plane; and

[] a binder adhered to at least a circumferential portion of said spheres, said circumferential portion is part of a half of said spheres which faces said plane,

wherein said individual passing areas respectively correspond to said light transmitting spheres and are separated by said low-passing area, such that portions of said passing areas and a portion of said low-passing area are disposed past said spheres in a passing direction of the collimated light.

2. (Twice Amended) The light diffusing plate according to claim 1, wherein the light diffusing plate comprises a light transmitting support; and
a diffusing layer formed on said light transmitting support;
wherein said light transmitting spheres are fixed to the light transmitting support with said binder, which is light absorptive binder and constitutes a portion of said low-passing area.

4. (Twice Amended) A light diffusing plate comprising:
a light transmitting support;
a diffusing layer having light transmitting spheres; and
a thermal ablative layer between said light transmitting support and the diffusing layer;
wherein said thermal ablative layer contains a light absorptive thermal ablative material;
wherein said layer of thermal ablative material has intermittent areas where said thermal ablative material has been removed ; and
wherein said intermittent areas where said thermal ablative material has been removed correspond to said light transmitting spheres and are separated by non-removed areas of said thermal ablative material, such that a portion of said removed area and portions of said non-removed areas are disposed past said spheres in a direction of the collimated light.

16. (Twice Amended) A display apparatus comprising:

a liquid crystal display panel;

a backlight unit which forces a collimated light to be incident on said liquid crystal

33 display panel; and

a light diffusing plate which is located in an opposite side of said backlight unit against said liquid crystal display panel, said light diffusing plate comprises an unresolvable structure which has an optical refractive power and includes light transmitting spheres, passing areas through which a collimated light incident from a side of the unresolvable structure passes, and a low-passing area other than said passing areas, which has relatively low light transmissivity compared with the passing areas, said passing areas and low-passing area being provided in a same plane; and

a binder adhered to at least a circumferential portion of said spheres, said circumferential portion is part of a half of said spheres which faces said plane,

wherein said passing areas correspond to said structure having optical refractive power and are separated from each other by said low-passing area, such that portions of said passing areas and a portion of said low-passing area are disposed past said structure having optical refractive power in a passing direction of the collimated light.

18. (Twice Amended) A display apparatus comprising:

a liquid crystal display panel;

a backlight unit which forces a collimated light to be incident on said liquid crystal display panel; and

B4
a light diffusing plate which is located in an opposite side of said backlight unit against said liquid crystal display panel;

wherein said light diffusing plate comprises a light transmitting support, a diffusing layer having light transmitting spheres, and a thermal ablative layer formed between said light transmitting support and the diffusing layer;

wherein said thermal ablative layer contains a light absorptive thermal ablative material;

wherein said thermal ablative layer has intermittent areas where said thermal ablative material has been removed; and

wherein said intermittent areas where said thermal ablative material has been removed correspond to said light transmitting spheres and are separated by non-removed areas of said thermal ablative material, such that a portion of said removed area and portions of said non-removed areas are disposed past said spheres in a direction of the collimated light.

BS
21. (Twice Amended) An image display apparatus comprising:

an image display device having a matrix structure; and

a light diffusing plate comprising:

an unresolvable structure which has an optical refractive power and includes light transmitting spheres;

individual passing areas through which a collimated light incident from a side of the unresolvable structure passes; and

BS
a low-passing area other than said passing areas, which has relatively low light transmissivity compared with the passing areas, said passing areas and low-passing area being provided in a same plane; and

a binder adhered to at least a circumferential portion of said spheres, said circumferential portion is part of a half of said spheres which faces said plane, wherein said light diffusing plate is provided on a viewing side of a display screen of said image display device, and

wherein said passing areas correspond to said structure having optical refractive power and are separated from each other by said low-passing area, such that portions of said passing areas and a portion of said low-passing area are disposed past said structure having optical refractive power in a passing direction of the collimated light.

Bb
22. (Amended) The image display apparatus according to claim 21, wherein said light diffusing plate comprises a light transmitting support and a diffusing layer formed by coupling light transmitting spheres with said binder to the light transmitting support.

24. (Amended) An image display apparatus comprising:
an image display device having a matrix structure;
a light transmitting support;
a light diffusing plate comprising an unresolvable structure having light transmitting spheres through which collimated light passes, and which have optical refractive power;
a binder which fixes said light transmitting spheres in place, and said binder is adhered to at least a circumferential portion of said spheres, said circumferential portion is part of a half of said spheres where the collimated light exits; and
a layer of material having intermittent areas where light transmissivity is greater than other areas in said layer, said layer disposed passed said spheres in a passing direction of the collimated light,
wherein said light diffusing plate is provided on a viewing side of a display screen of said image display device.

26. (Amended) The image display apparatus according to claim 24, further comprising a preventing sheet for preventing from scattering an extraneous light;
wherein said preventing sheet is provided on the light diffusing plate which was provided on said viewing side of said display screen.